

FIG 1

FIG's 2-4 :

Screen captures

(2) designed layout

(3) rule based layout

(4) template layout

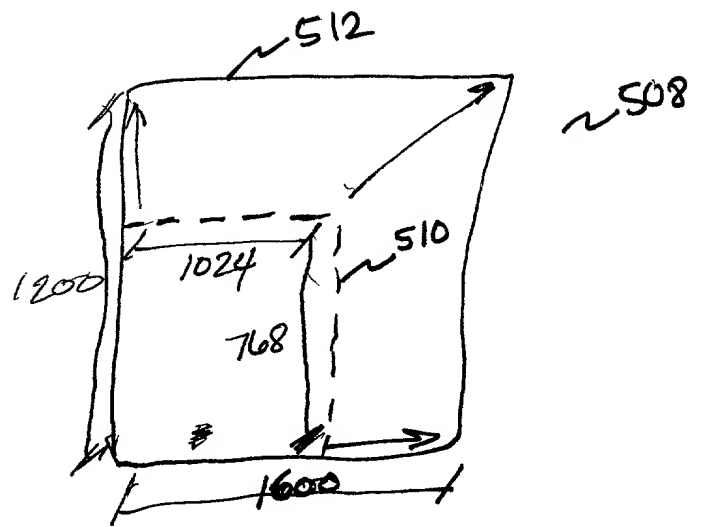
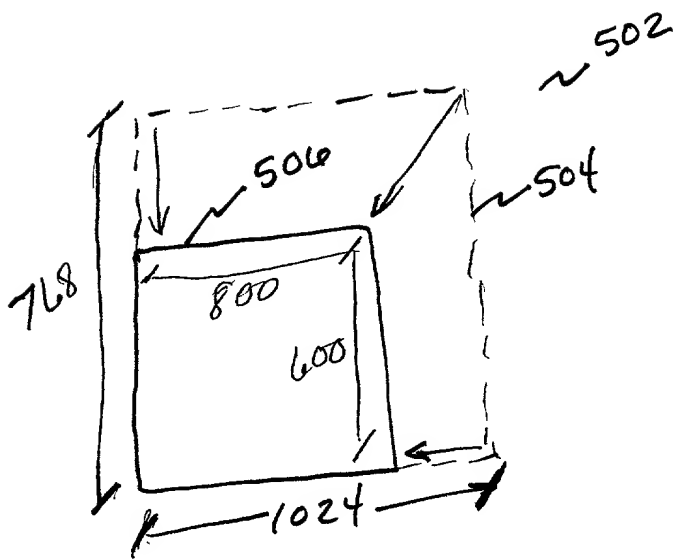


FIG 5

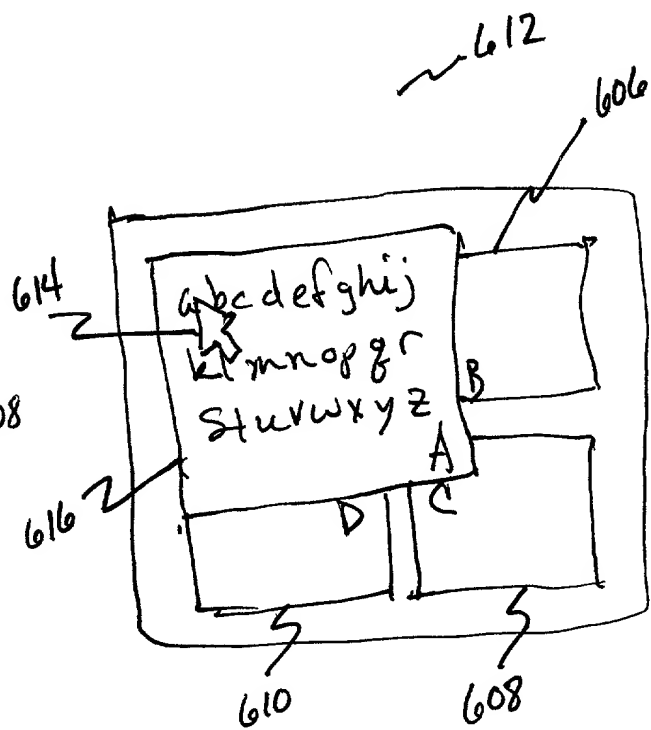
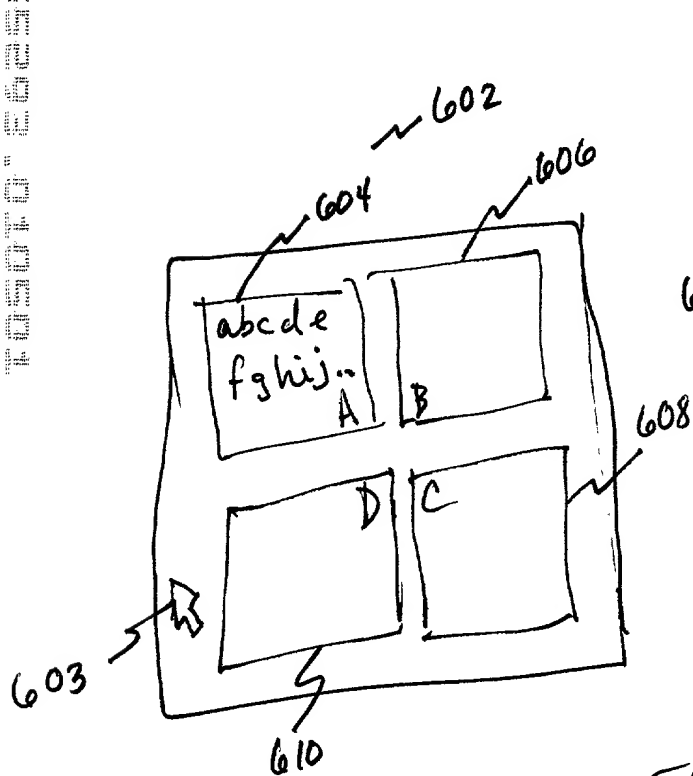
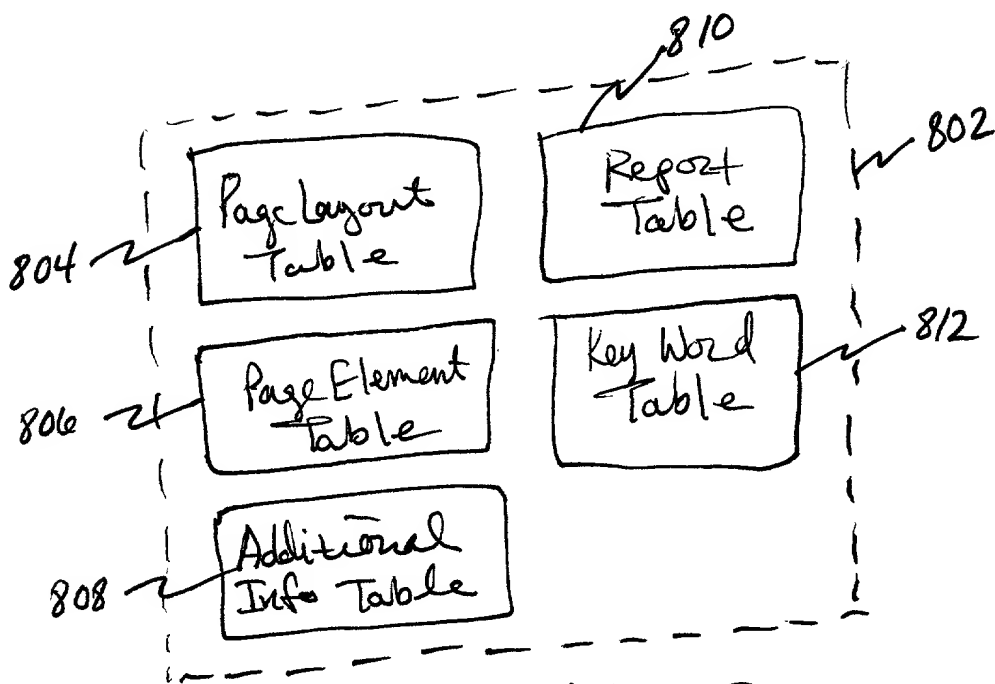
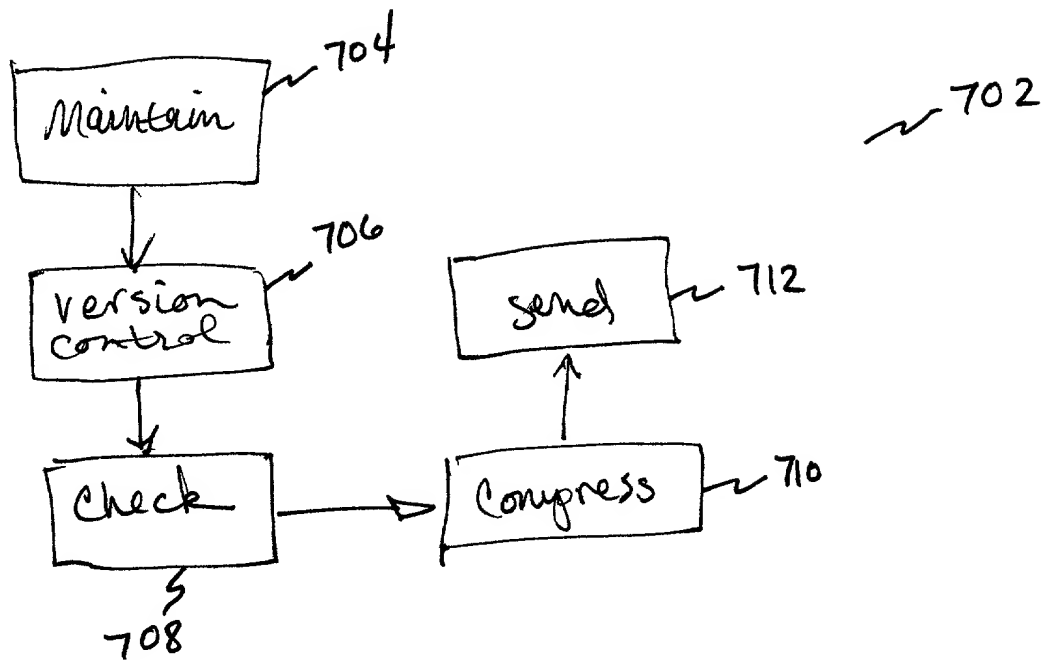


FIG 6



# Data Flow Process

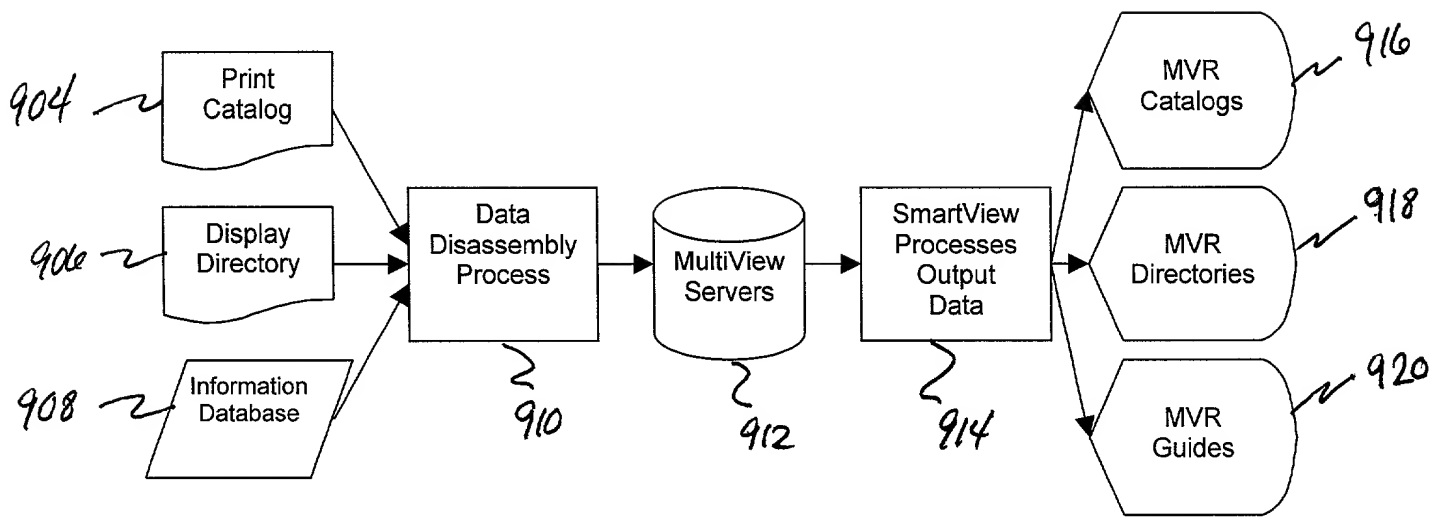


FIG. 9

# Data Flow Process

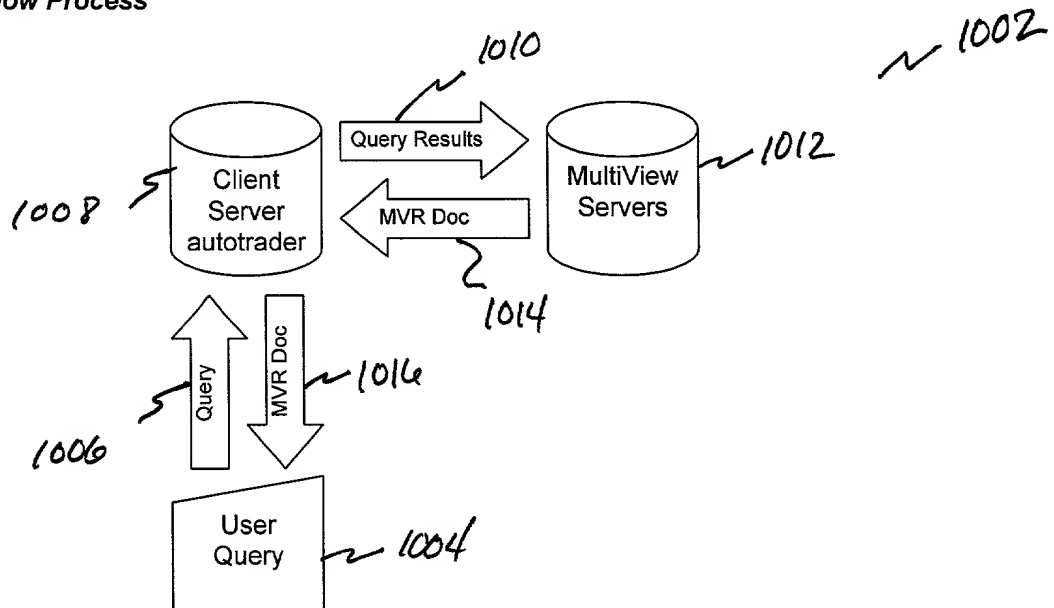


FIG. 10

These are the primary data tables for presentation of information in MultiView Reader regardless of display e.g. free style form layout, rule-based layout, and structured layout

#### Structure for database: LAYOUT

Used to control layout of items on the page

Field	Field Name	Type	Width	Dec	
1	CATEGORY	Character	4		Category / Section
2	SORTORDER	Character	3		Allows for multiple sort orders
3	ITEMID	Character	6		Unique item identifier
4	TYPE	Character	2		Display Type
5	PAGE	Character	4		Page Number
6	ORDER	Character	3		Display Order
7	COLUMN	Numeric	3		Display Column
8	WIDTH	Numeric	3		Width of Item in Columns
9	TOP	Numeric	6	2	Display Row
10	HEIGHT	Numeric	6	2	Height in Rows
** Total **			43		

#### Structure for database: INFO

Holds the script for displaying information

Field	Field Name	Type	Width	Dec	
1	CATEGORY	Character	4		Category / Section
2	ITEMID	Character	6		Unique Item Identifier
3	TYPE	Character	2		Display Type
4	DATA	Memo	10		MultiScript for this Item
** Total **			22		

#### Structure for database: ITEM

Related Item information e.g. inventory pricing

Field	Field Name	Type	Width	Dec	
1	CATEGORY	Character	4		Category / Section
2	ITEMID	Character	6		Unique Item Identifier
3	PARTNO	Character	15		Item Information
4	DESCRIP	Character	30		...
5	PRICE	Numeric	10	5	...
** Total **			65		

#### Structure for database: KEYWORD

Keyword Searching Table

Field	Field Name	Type	Width	Dec	
1	CATEGORY	Character	4		Category / Section
2	ITEMID	Character	6		Unique Item Identifier
3	KEYWORD	Character	15		Keyword
** Total **			25		

FIG. 11